

25X1

OUT 60556

1966 DEC 3 03 02Z

P 030238Z
FM NPIC
TO DIRNSA
CNO

25X1

OPCEN
STATE/RCI
CINCLANTFLT
CINCPACFLT
CINCUSNAVEUR
CINCLANT
CINCPAC
LANTINTCEN
FICPAC
COMNAVFORJAPAN
COMSECONDFLT
YDHAVQC/CINCEUR
YSHKLRC/USARPAC
AFSSO PACAF
AFSSO ACIC
AFSSO FTD
AFSSO AFSC
AFSSO BSD
AFSSO ESD
AFSSO SSD
AFSSO USAF (ALSO PASS NIC)
AFSSO USAFE
USAFSS
INFO FICEUR
ZEM

TOP SECRET

CITE NPIC 9220.

25X1

REF NPIC/PIR

25X1

TOP SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

-END OF MESSAGE- ALSO PASSED

25X1

-2-

AS A RESULT OF PHOTOGRAPHIC ANALYSIS ACCOMPLISHED IN
CONCERT WITH [] PHOTO INTERPRETERS DURING A RECENT
VISIT TO THEIR [] FACILITY, AND WITH ADDITIONAL ANALYSIS SINCE
THAT TIME, IT HAS BEEN DETERMINED THAT THE TRACKING/GUIDANCE
OR ENGAGEMENT RADAR ASSOCIATED WITH THE SOVIET PROBABLE LONG
RANGE SAM LAUNCH COMPLEXES DIFFERS IN BASIC RESPECTS TO THE
PREVIOUS CONCEPT OF A SYMMETRICAL SAIL AND CENTERED FEED
STRUCTURE.

25X1

25X1

THE RADAR HAS BEEN STUDIED ON ALL THE KH-7 []
COVERAGE ON WHICH IT HAS BEEN IDENTIFIED, AND ESPECIALLY AT
KAPUSTIN YAR, SARY SHAGAN, GORKIY SORMOVO AND TALLINN AND IT
IS NOW DETERMINED TO BE ASSYMETRICAL WITH THE LEFT SIDE BEING
SUBSTANTIALLY SMALLER IN EVERY ASPECT THAN THE RIGHT. IN
ADDITION THE PROBABLE FEED STRUCTURE APPEARS TO SUPPORT AN
ELEMENT OR ELEMENTS OF UNIDENTIFIED FUNCTION AT ITS EXTREMITY.
ON A NUMBER OF PHOTO COVERAGES AN ADDITIONAL UNIDENTIFIED
ELEMENT IS OBSERVED ON THE EXTREME LEFT SIDE OF THE ANTENNA
JUST BELOW AND OUTBOARD OF THE SAIL. A MORE DETAILED DES-
CRPTION OF THIS RADAR WILL BE PRESENTED IN A FORTHCOMING NPIC
REPORT BUT IT SHOULD BE STATED AT THIS TIME THAT ITS
APPEARANCE, AS NOW INTERPRETED, DOES NOT LEND ITSELF TO A
SINGLE APERTURE CONCEPT.

25X1

ONE FURTHER OBSERVATION IS THAT THE RADAR APPEARS TO BE
THE SAME BASIC PIECE OF EQUIPMENT WHEREVER IT OCCURS.

GP-1

T O B S E C R E T []

-END OF MESSAGE- ALSO PASSED []

25X1